APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Certain Chemical Properties of Phenyltitanium Triisopropylate and Its Catalytic Activity During the Polymerization of Olefins, by G. A. Razuvayev, L. M. Bobinova, V. S. Etlis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3, pp 581-583

CE
126,399

Sci
Aug 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Contribution to the Problem of the Interaction of Phenyl Radicals With Benzene, by G. A. Razuvayev, G. G. Petukhov, B. G. Zateyev, 4 pp.

RUSSIAN, per: Dok Ak Nauk SSSR, Vol CXXVII, No 2, pp 348-351.

CB

Sci
Aug 60

126,387

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Polarographic Reduction of Some Aromatic Sandwich Compounds of Chromium, by I. A. Korshunov, L. N. Vertyulina, G. A. Razuvayev, Yu. A. Sorokin, G. A. Domrachev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6, 1958, pp 1029-1031.

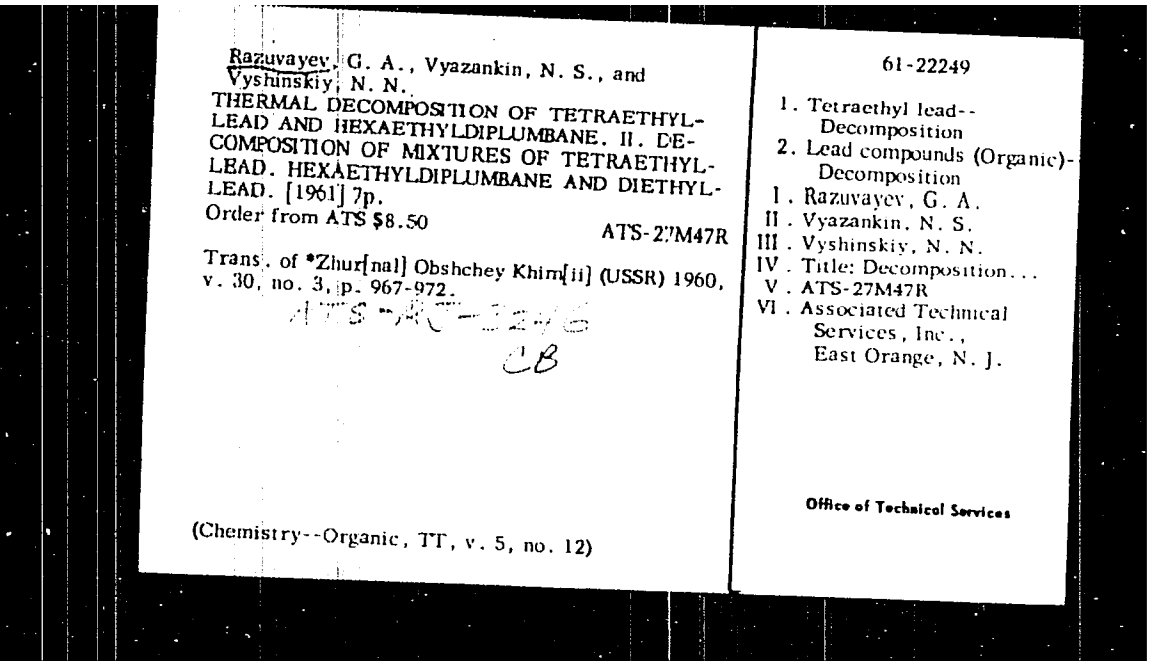
CB

Sci - Chem
Oct 59

109,063

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Razuvayev, G. A., Vyazankin, N. S., and Vyshinskiy, N. N.
THERMAL DECOMPOSITION OF TETRAETHYL-LEAD AND HEXAETHYLDIPLUMBANE. II. DECOMPOSITION OF MIXTURES OF TETRAETHYL-LEAD. HEXAETHYLDIPLUMBANE AND DIETHYL-LEAD. [1961] 7p.
Order from ATS $8.50 ATS-27M47R

Trans. of *Zhur[nal] Obshchey Khim[ii] (USSR) 1960, v. 30, no. 3, p. 967-972.

ATS-RC-3246
CB

(Chemistry--Organic, TT, v. 5, no. 12)

61-22249

1. Tetraethyl lead--Decomposition
2. Lead compounds (Organic)--Decomposition
I. Razuvayev, G. A.
II. Vyazankin, N. S.
III. Vyshinskiy, N. N.
IV. Title: Decomposition...
V. ATS-27M47R
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Synthesis of 2-Substituted 4-Pentamethylene-5,6-Tetramethylene-2,3,4,5-Tetrahydropyrimidines, by S. V. Svetozarskiy, G. A. Ruzuvayev, E. N. Zil'berman, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 1020-1022.

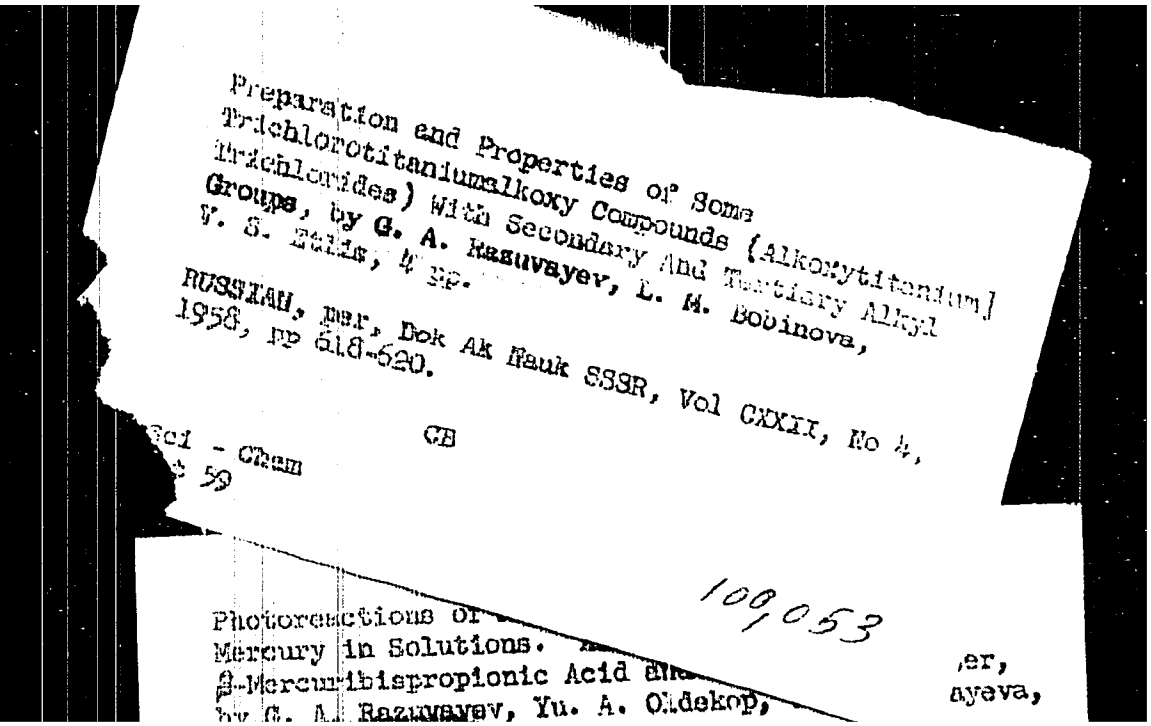
CB

Sci. -
Apr 61

147,595

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Preparation and Properties of Some Trichlorotitaniumalkoxy Compounds (Alkoxytitanium Trichlorides) With Secondary And Tertiary Alkyl Groups, by G. A. Razuvayev, L. M. Bobinova, V. S. Zelin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 4, 1958, pp 618-620.

GB

Sci - Chem
59

100,053

Photoreactions of ... Mercury in Solutions. ... β-Mercuribispropionic Acid ... by G. A. Razuvayev, Yu. A. Oldekop, ... er, ayeva,

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Photolysis of Pentachloroethane, by G. A. Razuvayev, N. A. Osanova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 10, Oct 1954, pp 1771-1774. CIA C 42157

Consultants Bureau

Sci - Chemistry 35/127

Jun 56/Dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Free Radical Reactions of Lead Tetraacetate, by G. A. Razuvayev, Yu. A. Oldekop, Yu. A. Sorokin, V. M. Tverdova, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6, Jun 1956, pp 1682-1684.

Consultants Bureau

Sci - Chemistry
Jul 57

49667

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Comments on the Article by A. A. Bolshakov: Interaction of Methyl-α-Naphthylmercury and Methylphenylmercury With Organic Acids, by S. A. Shamshayev, 1 p.

[illegible], no per, Zhur Obshch Khim, Vol XXIV, No 9, Sep 1954, pp 1693-[illegible] CIA C 42159.

Sci - Chemistry

Jun 1956/Hex

Consultants Bureau

35,004

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Role of Oxygen in the Initial Stage of Vinyl Chloride Polymerization, K. S. Minsker, A. S. Shevlyakov, G. A. Razuvaev, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4, Apr 1956, pp 1082-1086.

Consultants Bureau

Sci - Chemistry
Feb 1957 CTS/dex

43658

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reactions of Acyl Peroxides with Mercury, by G. A. Razuvaev, Yu. A. Oldekop, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1, 1957, pp 196-199.

Consultants Bureau

Sci - Chem

Jun 58

65,356

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reactions of Unsymmetrical Acyl Peroxides with Mercury, by G. A. Razuvaev, Yu. A. Oldekop, V. N. Latyaeva, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4, Apr 1956, pp 1110-1112.

Consultants Bureau

Sci - Chemistry
Feb 1957 CRS/dex

43,663

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Reaction of Tetrasubstituted Silanes with Carbon Tetrachloride, by G. A. Razuvaev, O. S. Dyachkovskaya, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4, Apr 1956, pp 1107-1109.

Consultants Bureau

Sci - Chemistry
Feb 1957 cms/dex

43,662

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Condensation of Benzene With Some Symmetrical Chloroethers, by G. A. Razuvaev, V. S. Etlis, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 9, Sep 1955, pp 1711-1712. CIA C 42158.

Consultants Bureau

Sci - Chemistry

35,019

Jun 1956/Dem

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Oxidative Action of Some Acyl Peroxides, by
G. A. Razuvaev, L. V. Stupnn, K. S. Minsker,
2 pp.

Full tr

RUSSIAN, MMMMM mo per, Zhur Obshch Khim, Vol XXVI,
No 2, 1956, pp 473-474. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

44, 703

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reactions of Hydroxides of Aryl Mercury, by
G. A. Razuvaev, G. G. Petukhov, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII,
No 1, 1953, pp 37-41. JIA D 182351

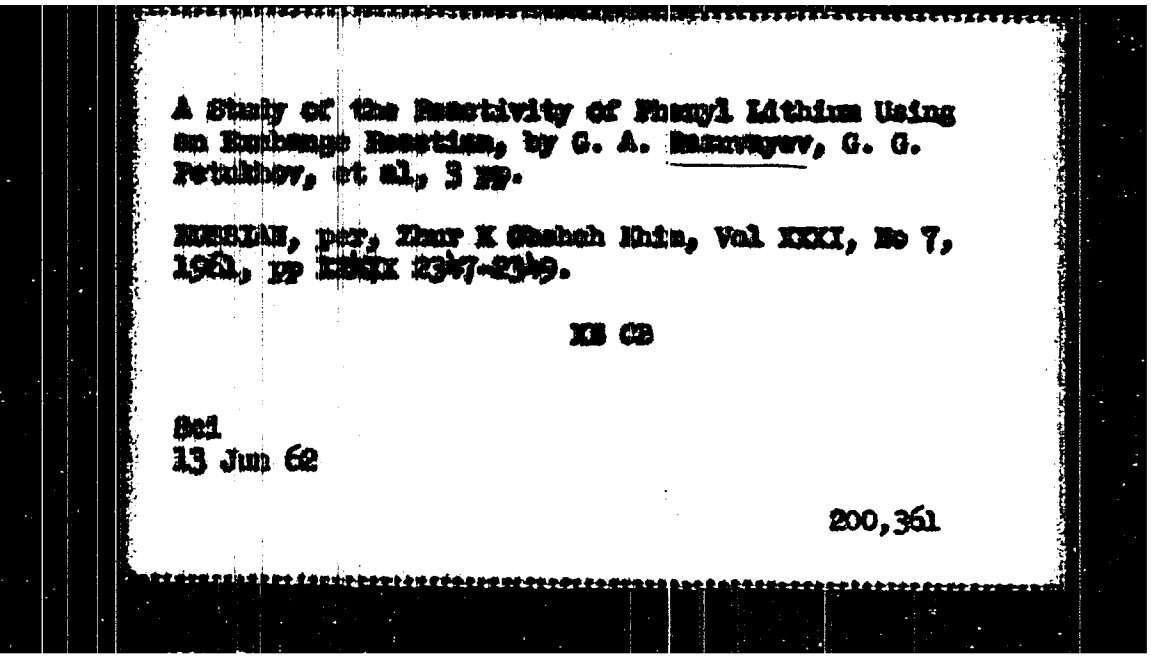
Consultants Bureau

Scientific - Chemistry CTS/DEX

18,011

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



A Study of the Reactivity of Phenyl Lithium Using an Exchange Reaction, by G. A. Razuvayev, G. G. Petukhov, et al., 3 pp.

RUSSIAN, per, Zhur K Obshch Khim, Vol XXXI, No 7, 1961, pp [illegible] 2347-2349.

XB CB

Sel
13 Jun 62

200,361

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

A Study of the Reactions of Pentaphenyl Phosphorus [illegible] with Benzene Using Labeled Atoms, by G. A. Razuvayev, G. G. Petukhov, et al, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7, 1961, pp 2350-2352.

CB

Sci
13 Jun 62

200,362

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Photochemical Reaction of Organomercuric Compounds in Solutions, by G. A. Razuvaev, Yu. A. Ol'dekop, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIV, No 1, 1949, pp 77-80.

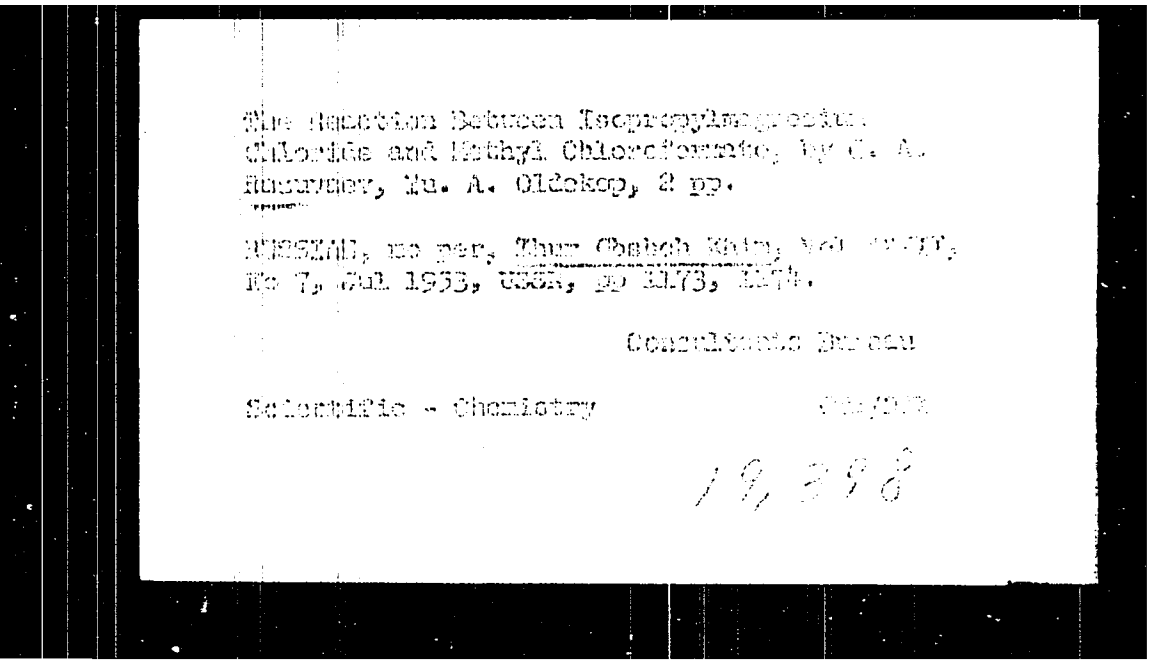
CIA/FDD/K-1192

Scientific - Chemistry
CTS/DEX

9172

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



The Reaction Between Isopropylmagnesium Chloride and Methyl Chloroformate, by C. A. Kraus[illegible], Jr. A. Oldekop, 2 pp.

[illegible], no per, Zhur Obshch Khim, Vol [illegible], No 7, Jul 1953, USSR, pp 1173, 1174.

Consultants Bureau

Scientific - Chemistry

19,398

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Razuvaev, G. A., Minsker, K. S., and Fedoseeva, G. T.
THE HETEROGENEOUS CATALYTIC POLYMERIZATION OF ETHYLENE IN THE PRESENCE OF $TiCl_3$-Al-$AlCl_3$ AND $TiCl_3$(Al-HCl). Sep 63, 10p 13refs
Order from PP $1.40.00/year in Polymer Science USSR, v. 4, no. 3, p. 467-476

Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1962, v. 4, no. 10, p. 1495-1502. (Abstract available)

DESCRIPTORS: *Polyethylene plastics, *Ethylenes, Polymerization, *Catalysts, *Titanium compounds, *Aluminum compounds, Chlorides, Hydrochloric acid, Solvents.

A study was made of the polymerization of ethylene in the presence of the heterogeneous catalyst systems (Materials--Plastics, TT, v. 11, no. 1) (over)

TT-63-22211-3 (p. 467-476)

I. Razuvaev, G. A.
II. Minsker, K. S.
III. Fedoseeva, G. T.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Photoreactions of Organic Compounds of Mercury in Solutions. I. The Reactions of Dimethylmercury, by G.A. Razuvaev, Yu. A. Oldekop, and Z.N. Manchinova, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3, USSR, Mar 1952, pp 480-484.

Consultants Bureau

Scientific - Chemistry

7511

Dec 53 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Reaction Between Hexachloroethane and Isopropyl Alcohol Initiated by Benzoyl Peroxide, by G. A. Razuvaev, B. N. Moryganov, A. G. Kronman, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp 2224-2228.

Consultants Bureau

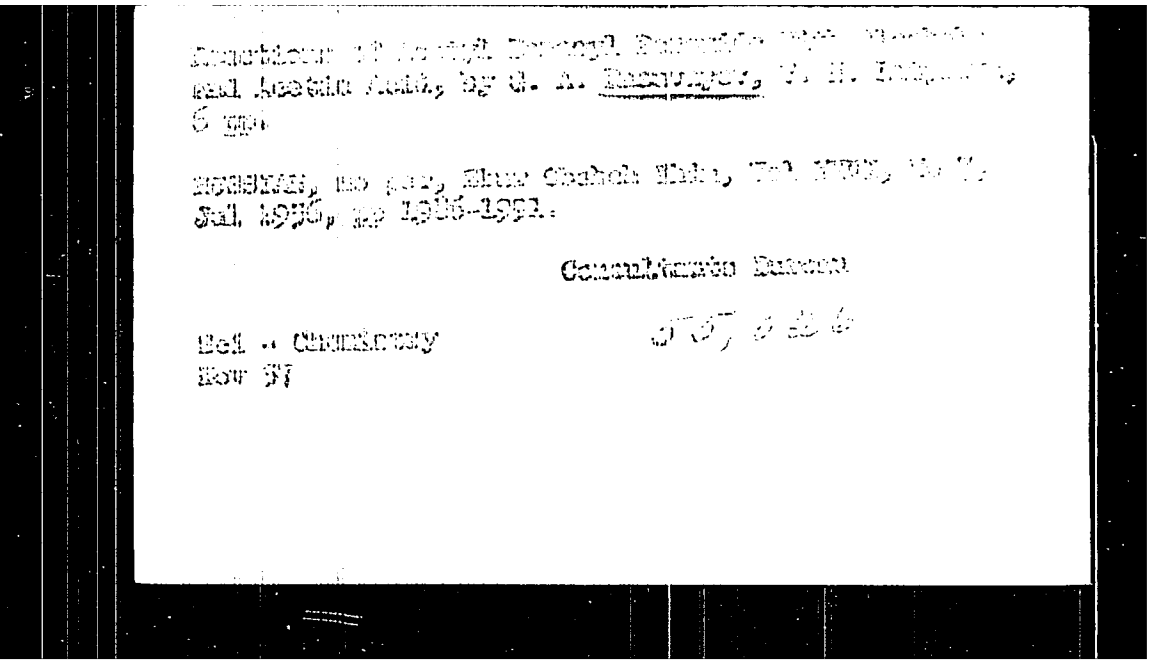
Sci - Chem

56,522

Dec 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Reaction of Triethyl Aluminum and Triphenyl Aluminum With Benzoly Peroxide in Benzene Solution, by G. A. Razuvayev, N. V. Mitrofanova, et al., 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7, 1961, pp 2340-2342.

CB

Sci
13 Jun 62

200,369

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Oxidation of Triphenyl Aluminum and Phenyl Lithium, by G. A. Razuvayev, E. V. Nitrofanova, et al, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7, 1961, pp 2343-2346.

CB

Sci
13 Jun 62

200,370

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Chain Reaction of Carbon Tetrachloride With Isopropyl Alcohol Initiated by Acetylated and Benzoylated Hydroperoxides of 1-Hydroxycyclohexanone, by G. A. Nalgorskaya, B. N. Moryganov, G. A. Razuvayev, V. A. Shushunov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7, Jul 1956, pp 1981-1985.

Consultants Bureau

55, 025

Sci - Chemistry
Nov 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Reactions of Organomercury Compounds With Amides of Fatty Acids, by G. A. Razuvaev and E. S. Vyazankin, 3 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4, USSR, Apr 1952, pp 637-640- 642. CA D 1223 46

Consultants Bureau

Scientific - Chemistry Dec 53 CTS

7549

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Reaction of Diphenylmercury with Metallic Chlorides That do Not Form Stable Organometallic Compounds, by O.A. Razuvaev and M.S. Fedotov, 4 pp.

Full translation.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXII, No 3, USSR, Mar 1953, 484-489. CIA D 12345

V

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS 7504

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Investigation of Complex of [illegible] Met [BAr4],
by G. A. Razuvaev, T. G. Brikina, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 8, 1954, pp 1415-1421. CIA C 41477

Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Photoreactions of Orbanometallic Compounds of Mercury in Solutions. VIII, Reactions in Mixed Solvents, by G. A. Razuvaev, Yu. A. Oldekop, 3 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12, Dec 1951, pp 2197-2199.

Consultants Bureau

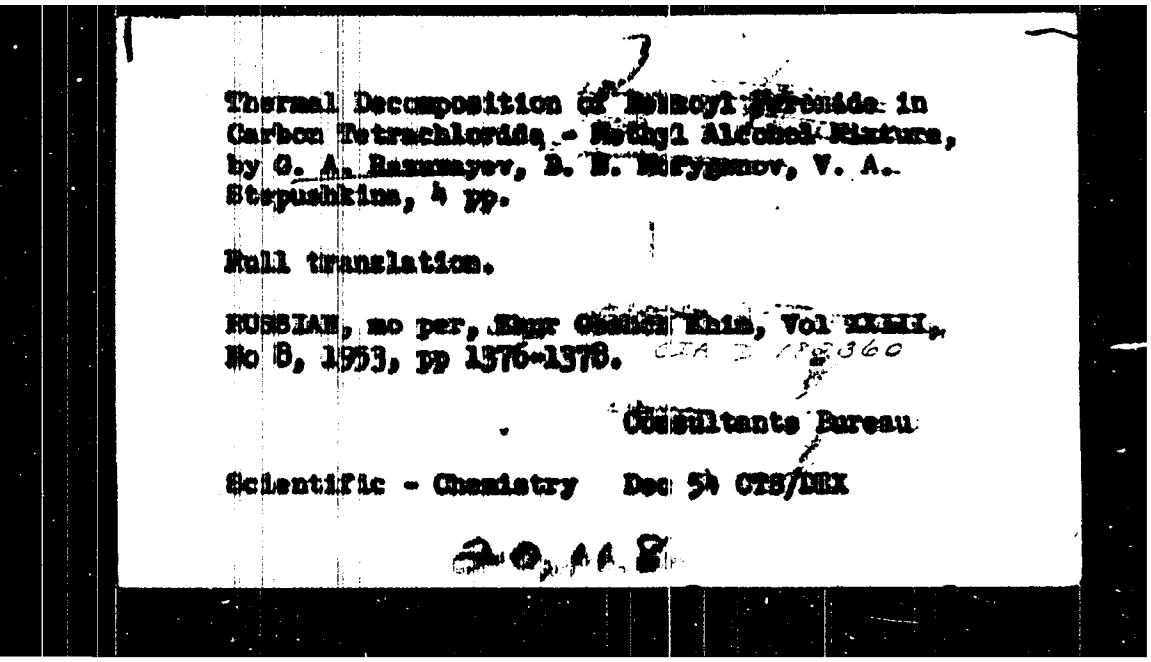
USSR

Scientific - Chemistry, compounds, solutions, solvents

1942

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Thermal Decomposition of Benzoyl Peroxide in Carbon Tetrachloride - Methyl Alcohol Mixture, by G. A. Razuvayev, B. N. Moryganov, V. A. Stepushkina, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 8, 1953, pp 1376-1378. CIA D 158360

Consultants Bureau

Scientific - Chemistry Dec 54 CTS/DLX

20,448

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Thermal Decomposition of Benzoyl Peroxide in Solvent Mixtures: Benzene and Nitrobenzene, and Nitrobenzene and Carbon Tetrachloride, by G. A. Razuvayev, B. N. Moryganov, V. A. Stepushkina, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Obsch Khim, Vol XXIII, No 8, 1953, pp 1379-1381. CIA D 182360

20/13 Consultants Bureau

Scientific - Chemistry Dec 54 CIB/DEX

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Condensation of Cyclohexanone with Ammonia, by G. A. Razuvaev, E. N. Zilberman, S. V. Svetozarskiy
4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2, 1956, pp 601-603. CIA 9007073 C, Reel 64

Consultants Bureau

41,720

Sci - Chemistry
Dec 56 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Photoreactions of Organochromium Compounds, by G. A. Razuvaev, Yu. A. Sorokin, & G. A. Domrachev, 2 pp. Choices

RUSSIAN, Zhurnal Obshchei Khimii, Vol XXI, No 6, Nov/Dec 1956, pp 1264-1266.

Consultants Bureau

Sci - Chem

56,904

Dec 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reaction of Acyl Peroxides With Metallic Mercury, by G. A. Razuvaev, Yu. A. Oldekop, L. N. Grobov, 4 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4, April 1953, pp 589-592.

Consultants Bureau Tr

Scientific - Chemistry

13,208

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Investigation Of The Free Radical Reactions Of The Complexes M(BR4), by G. A. Razuvaev, T. G. Brilkina.
RUSSIAN, per, Akademiya Nauk SSSR, Doklady, 1953, p861-4
SIA TT-65-13435

G. A. Razuvaev

344,856

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Free Radicals in the Decomposition Reactions of Benzydaminodiazobenzene in Solvents, by G. A. Razuvaev, E. I. Fedotova, A. G. Ovchinnikova, 4 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 3, Mar 1953, pp 435-437.

Consultants Bureau

19,231

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Free-Radical Reactions Of M(B(C6H5)4), G. A. Razuvaev, T. G. Brilkina.
RUSSIAN, per, Akademiya Nauk SSSR. Doklady, 1952, p815-8
SLA TT-65-13434

G. A. Razuvaev

344,855

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

New Method of Synthesis of Alkyl Compounds of Mercury From Mercuric Salts of Organic Acids, by G. A. Razuvaev, Yu. A. Oldekop, N. A. Maier, 8 pp.

RUSSIAN, mo per, Zhur Obshch Khim SSSR, Vol XXV, No 4, Apr 1955, pp 697-704. CIA C 39500

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,882

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reaction of Carbon Tetrachloride With Ethyl Alcohol, by G. A. Razuvayev, Yu. A. Sorokin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9, USSR, Sep 1953, pp 1519-1521. CIA D 151000

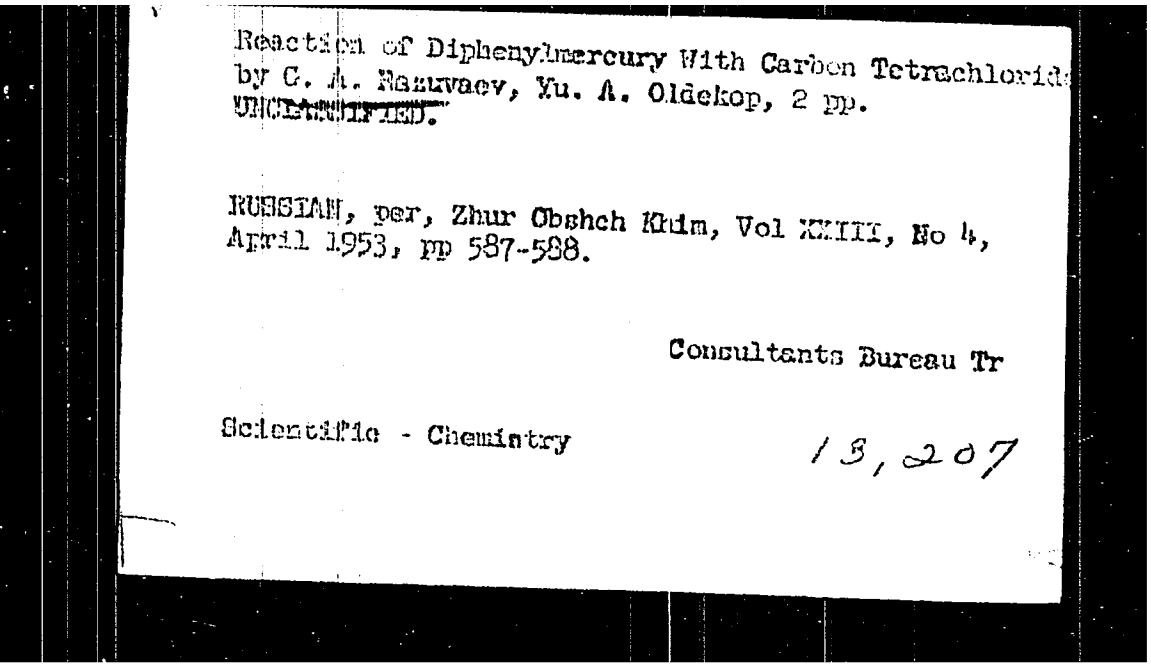
Consultants Bureau

Scientific - Chemistry CTS 64/Jan 55

20,928

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Reaction of Diphenylmercury With Carbon Tetrachlorid
by G. A. Razuvaev, Yu. A. Oldekop, 2 pp.
UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,
April 1953, pp 587-588.

Consultants Bureau Tr

Scientific - Chemistry

13,207

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Razuvayev, G. A., Latyayeva, V. N., and Vyshinskaya, L. I.
SOME REACTIONS OF DICYCLOPENTADIENYLDIPHENYLTITANIUM. [1960] 4p.
Order from ATS $5.75 ATS-64M46R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 134, no. 3, p. 612-614.

(Chemistry--Organic, TT, v. 5, no. 5)

61-12360

1. Titanium compounds (Organic)--Chemical reactions
I. Razuvayev, G. A.
II. Latyayeva V. N.
III. Vyshinskaya, L. I.
IV. ATS-64M46R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Chain Reactions of Carbon Tetrachloride and Alcohols, by G. A. Razuvayev, B. N. Moryganov, A. S. Volkova, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXV, No 3, USSR, Mar 1955, pp 495-498. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27,964

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Razuvayev, G. A., Minsker, K. S. and others.
EFFECT OF AMINES ON STEREOSPECIFIC POLYMERIZATION OF PROPYLENE. [1960] 5p.
Order from ATS $9.65 ATS-61M45R

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR) 1959, v. 1, no. 11, p. 1691-1695.

(Chemistry--Organic, TT, v. 5, no. 5)

61-12312

1. Propenes--Polymerization
2. Amines--Chemical effects
I. Razuvayev, G. A.
II. Minsker, K. S.
III. ATS-61M45R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Razuvayev, G. A., Vasileyskaya, N. S., and Oleynik, Ye. P.

THE REACTION OF CARBON TETRACHLORIDE WITH METHANOL; FORMATION OF HEXACHLOROETHANE IN THE PHOTOREACTION. [1960] 3p. 12 refs.

Order from LC or SLA mi$1.80, ph$1.80 61-10639

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 130 [no. 1] p. 102-104.

Experiments to determine the mechanism for the photoreaction of CCl_4 with CH_3OH on exposure to UV light showed that C_2Cl_6 was produced only by dimerization of CCl_3 radicals formed by photolysis of CCl_4. CCl_3 radicals did not remove H from CH_3OH to form $CHCl_3$. An exchange of C^{14} atoms in the photoreaction between labeled $C^{14}HCl_3$ and CCl_4 or CCl_3 radicals did not occur. The incapability of CCl_3 radicals to remove H from CH_3OH or from $C^{14}HCl_3$ and the absence of C^{14} exchange may be due to the lower energy of stabilization of these compounds.

61-10639

1. Carbon tetrachloride--Photochemical reactions
2. Methanol--Photochemical reactions

I. Razuvayev, N. S.
II. Vasileyskaya, N. S.
III. Oleynik, Ye. P.

Office of Technical Services
(Chemistry--Physical, TT, v. 5, no. 10)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Sci/Chem

C

The Photoreactions of Metallo-Organic Mercury Compounds in Solution. II. The Reactions of Diphenylmercury, by G. Razuvayev, Yu. Oldekop, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XIX, No 8, Aug 1949.

CIA/FDD/X-384

P 5679

Oct cts

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Sci/Chem C

The Photoreactions of Metallo-Organic Compounds of Mercury in Solution. III. The Photoreactions of Dibenzylmercury, by G. Razuvayev, Yu. Oldekop, 3 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XIX, No 8, Aug 1949.

CIA/FDD/X-385

8639

Oct cts

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Low-Temperature Autocondensation of Cyclohexanone, by S. V. Svetozarskiy, E. N. Zil'berman, G. A. Razuvayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5, 1959, 1454-1457.

Consultants Bureau

Sci

Jul 60

120,437

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

RAZUVAYEV, G., and OLDEKOP, Yu., Dept Org Chem, Gor'kiy State U.

The Photoreactions of Metallo-Organic Compounds of Mercury in Solution. IV. The Photoreactions of o-Ditolylmercury

Zhur Obshch Khim, Vol XX, No 1, 1950 (Jan), pp 183-185

Consultants Bureau Translation

A-8651

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Preparation and Properties of Some Derivatives of Thioxanthene-5-dioxide With Indicator Properties, by V. M. Ellis, G. A. Razuvayev, 6 pp.

[RUSSIAN], per, Zhur Obshch Khim, Vol XXVII, No 11, 1957, pp 3092-3096.

Consultants Bureau

Biol - Chem

Jan 59

78,817

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Photo Reactions of Organomettallic Compounds of Mercury in Solutions. VII. The Reactions of Diphenylmercury, by G. A. Razuvaev and Yu. A. Oldekpp, 2 pp

RUSSIAN mo per Zhur Obshch Khim Vol XXI, No6 USSR, Jun 1951 pp 1122-1124

Consultants Bureau Vol 21 Jun 1951

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

RAZUVAYEV, G. A., and SHUBENKO, M. .., Sci Res Inst of Chem, Gor'kiy State U.

Photoreactions of Idoorganic Compounds

Zhur Obshch Khim, Vol XX, No 1, 1950 (Jan), pp 177-182

Consultants Bureau Translation

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

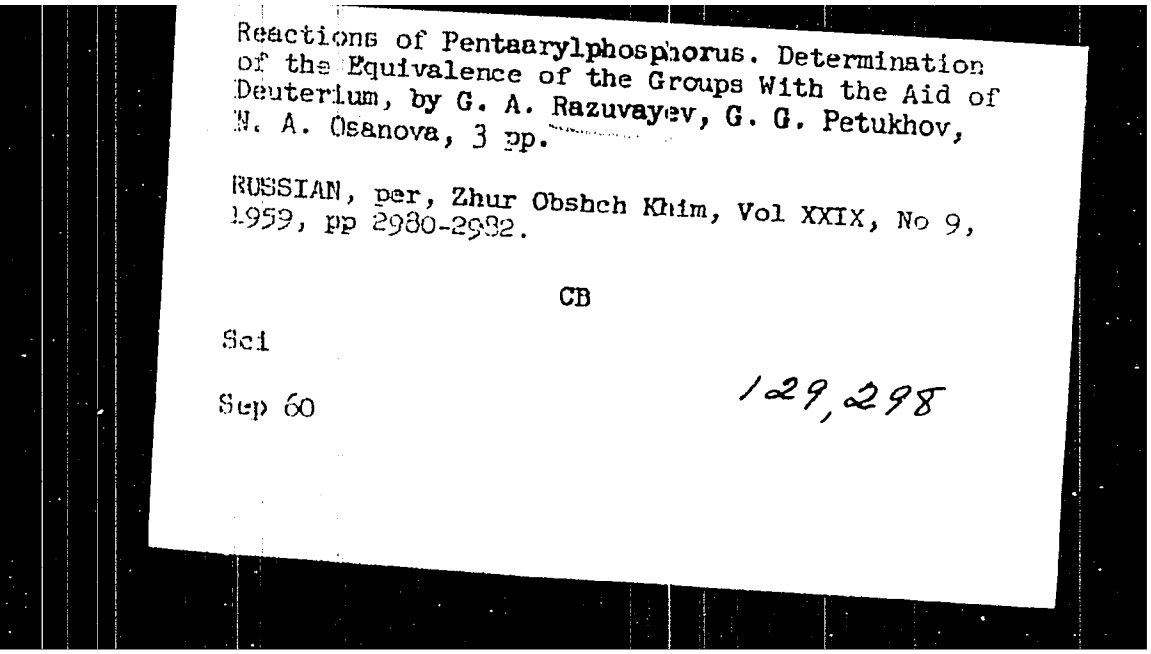
Free Radicals in the Decomposition Reactions of Benzeneazotriphenylmethane, Nitrosoacentanilide and Benzeneazotrinitromethane in Solutions, by G. A. Razuvaev and E. I. Fedotova, 6 pp

RUSSIAN mo per Zhur Obshch Khim, Vol XXI, No 6 USSR, Jun 1951 pp 1118-1122

Consultants Bureau Vol 21 Jun 1951

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Reactions of Pentaarylphosphorus. Determination of the Equivalence of the Groups With the Aid of Deuterium, by G. A. Razuvayev, G. G. Petukhov, N. A. Osanova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, pp 2980-2982.

CB

Sci

Sep 60

129,298

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Chlorination of α-Chloroaldehydes, by G. A. Razuvayev, I. F. Spasskaya, V. S. Yetlis, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, 2978, 2979.

CB

Sci

129,297

Sep 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Thermal Breakdown of Tetraethyllead and Hexaethyldiplumbane in the Liquid Phase, by G. A. Razuvayev, N. S. Vyazankin, N. N. Vyshinskiy, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11, 1959, pp 3662-3671.

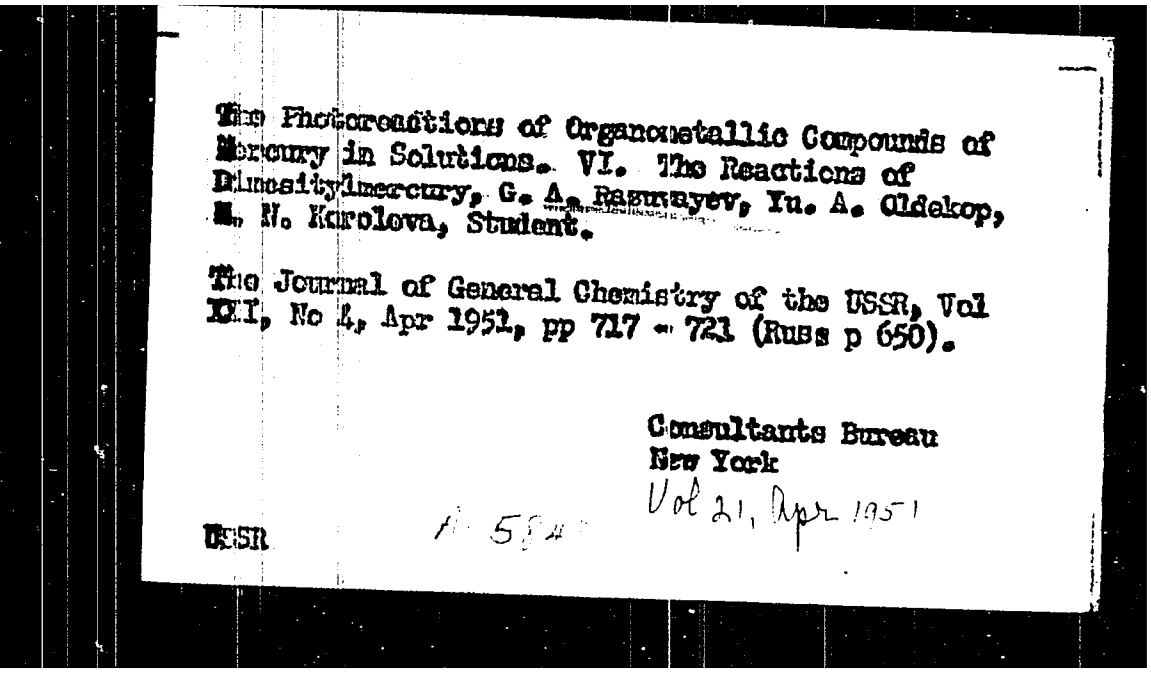
CB

Sml
Nov 60

132,682

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



The Photoreactions of Organometallic Compounds of Mercury in Solutions. VI. The Reactions of Dimesitylmercury, G. A. Razuvayev, Yu. A. Oldekop, M. N. Korolova, Student.

The Journal of General Chemistry of the USSR, Vol XXI, No 4, Apr 1951, pp 717 - 721 (Russ p 650).

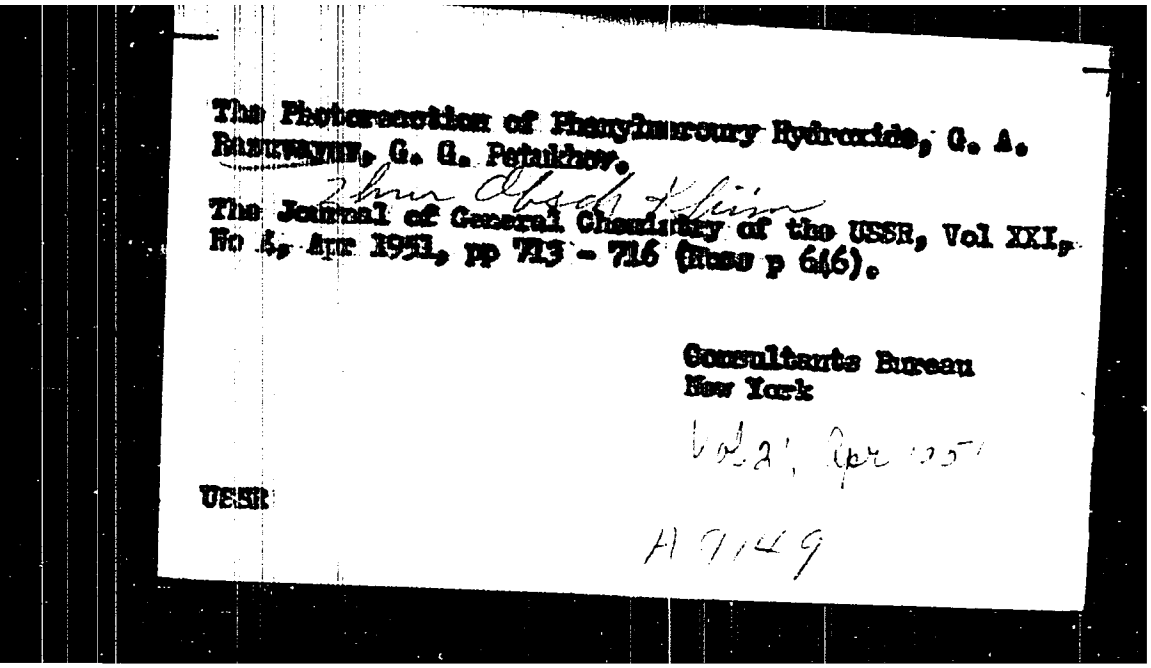
Consultants Bureau
New York
Vol 21, Apr 1951

USSR

A-5[illegible]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



The Photoreaction of Phenylmercury Hydroxide, G. A. Razuvayev, G. G. Petukhov.

The Journal of General Chemistry of the USSR, Vol XXI, No 4, Apr 1951, pp 713 - 716 (Trans p 646).

Consultants Bureau
New York

Vol 21, Apr 1951

USSR

A 7149

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Photoreactions of Organoiodine Compounds, by
G. A. Razuvaev, M. A. Shubenko, 8 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 11,
Nov 1951, pp 1974 - 1978. CIA D 1523 11

Consultants Bureau
152 West 42nd Street
New York 18, N.Y.

Scientific - Chemistry May 53 CTS

2008

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Reaction of Hexmethyldiplumbane with Alkyl Halides. by
G. R. Razuvayev, N. S. Vyazankin, Yu. I. Dergunov.
6 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXX, No 4, 1960,
pp 1310-1316.

CB

Sci

153, 911

June 1961

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

A.)
How the Snow Melter Operates, by Engr F. A. Razuvayev; B. AGM (Snow Plow) on Switches, by V. A. Leont'ev; C. The Selection of Ferro Concrete Ties, by A. F. Zolotarskiy, 10 pp. ID 063930

RUSSIAN, mo per, Put' i Putevoye Khozyaystvo, No 3, Mar 1957, Moscow, pp 4-6, 15, 16.

ACSI, G-9456

54,529

USSR - Economic
Sci - Geophysics

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Detachment of Radicals from Complete Asymmetric Derivatives of Tin, by G. Razuvayev and V. Fetyukhova, 6pp

RUSSIAN, mo per Zhur Obshch Khim, Vol XXI, No 6 USSR, Jun 1951, pp 1010-1016

Consultants Bureau Vol 21 Jun 1951

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Concerning Serological Diagnosis of Type Variants of the Foot-and-Mouth Disease Virus, by P. M. Razylev.

RUSSIAN, par, Veterinariya, Vol XXXV, No 10, Moscow, 1958, pp 87, 88. CIA 9035507

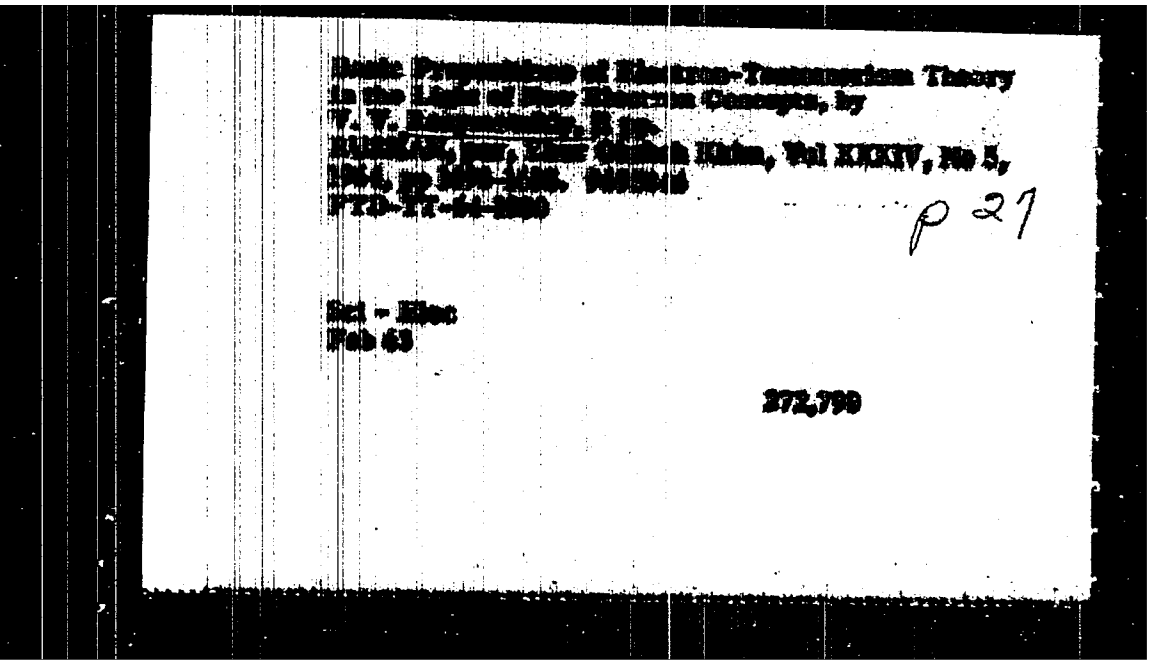
USDA

Hci - Medicine
Feb 59

81,197

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



[redacted] Theory
[redacted] Concepts, by
[redacted] Elektron, Vol XXXIV, No 5,
[redacted]
[redacted]

p 21

Sci - Elec
Feb 63

272,790

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Cooperation of Crew With Airport Services, by G. Markov, V. Razzhivin, 11 pp, (AF 685420).

Full tr

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 3, Mar 1957, pp 24-26.

ATIC F-TS-9267/III

USSR - Economic
Sci - Aeron
Oct 59

53-5-33

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

(DC-2700/81)

The Transformation of Sheep Breeding in the Georgian SSR, By M. D. Rcheulishvili, 5 pp.

RUSSIAN, per, Ovtsevodstvo, No 3, 1961, pp 24-28.

JPRS 8553

USSR
Econ
Jul 61

160,010

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

(NY-4827)

The Transmission of Detonation Between Initiating Substances. II. The Dependence of the Probability of Transmission of Detonation on the Distance Between the Charges and on the Area of the Passive Charge, by A. F. Belyayev, E. Mdultovskaya, Yu. B. Kharaton, 11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII, No 1, 1937, pp 191-197.

JPRS 7236

135,820

Sci - Phys

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Selective Transparency of Atmospheric Aerosols, by S. F. Rodionov, E. M. Pavlova, N. M. Reinov, Ye. V. Rdultovskaya, 19 pp.

Full tr

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geog i Geofiz, No 4, 1942, pp 135-147.

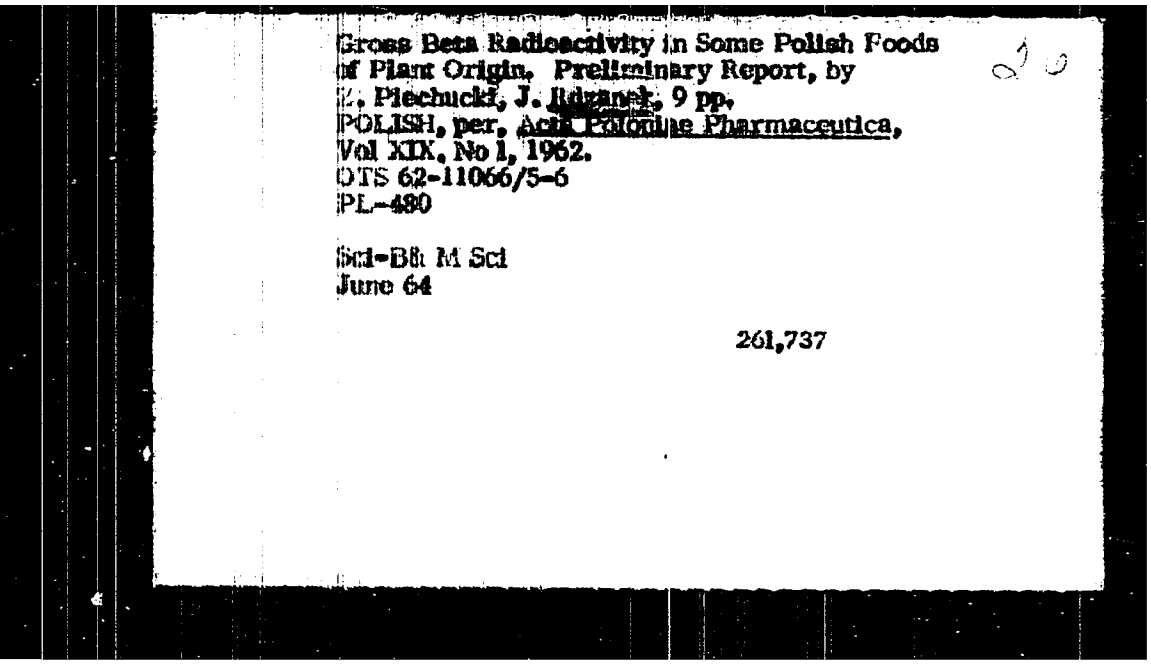
ATIC F-TS-8946/V

41, 855

Sci - Geophysics
dax/CTS Dec 1956

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



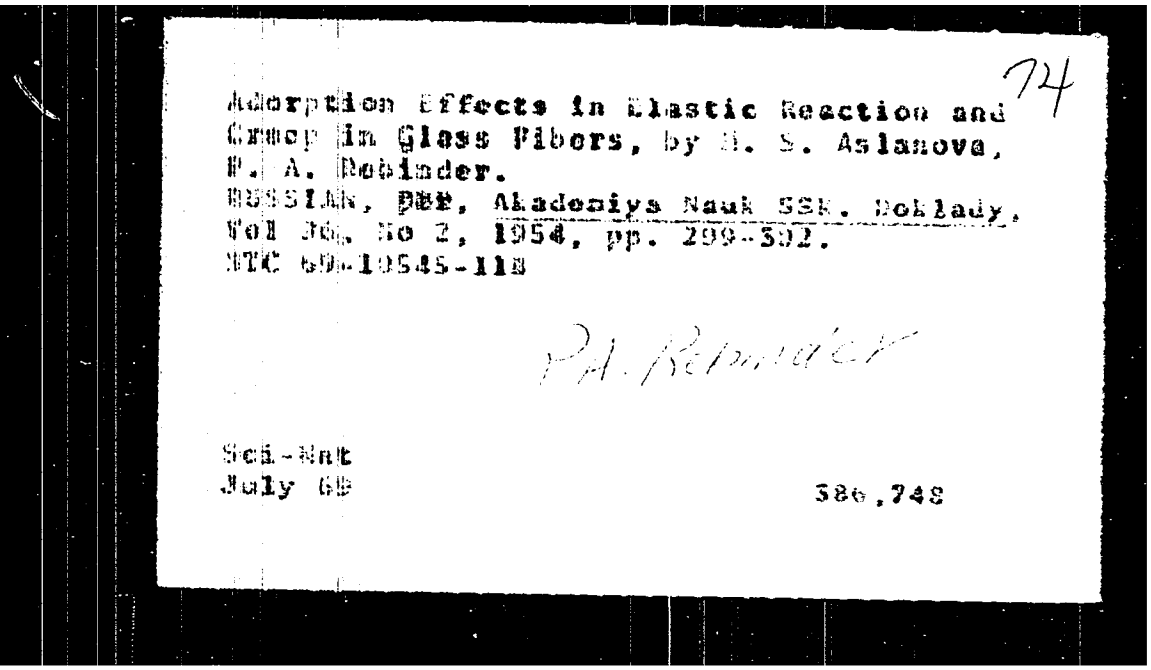
Gross Beta Radioactivity in Some Polish Foods of Plant Origin. Preliminary Report, by Z. Plechucki, J. Idzanek, 9 pp, POLISH, per. Acta Poloniae Pharmaceutica, Vol XIX, No 1, 1962.
OTS 62-11066/5-6
PL-480

Sci-Bib M Sci
June 64

261,737

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



74

Adsorption Effects in Elastic Reaction and Creep in Glass Fibers, by E. S. Aslanova, P. A. Rebinder.
RUSSIAN, DAN, Akademiya Nauk SSR. Doklady, Vol 96, No 2, 1954, pp. 299-302.
UTC 60-19545-11B

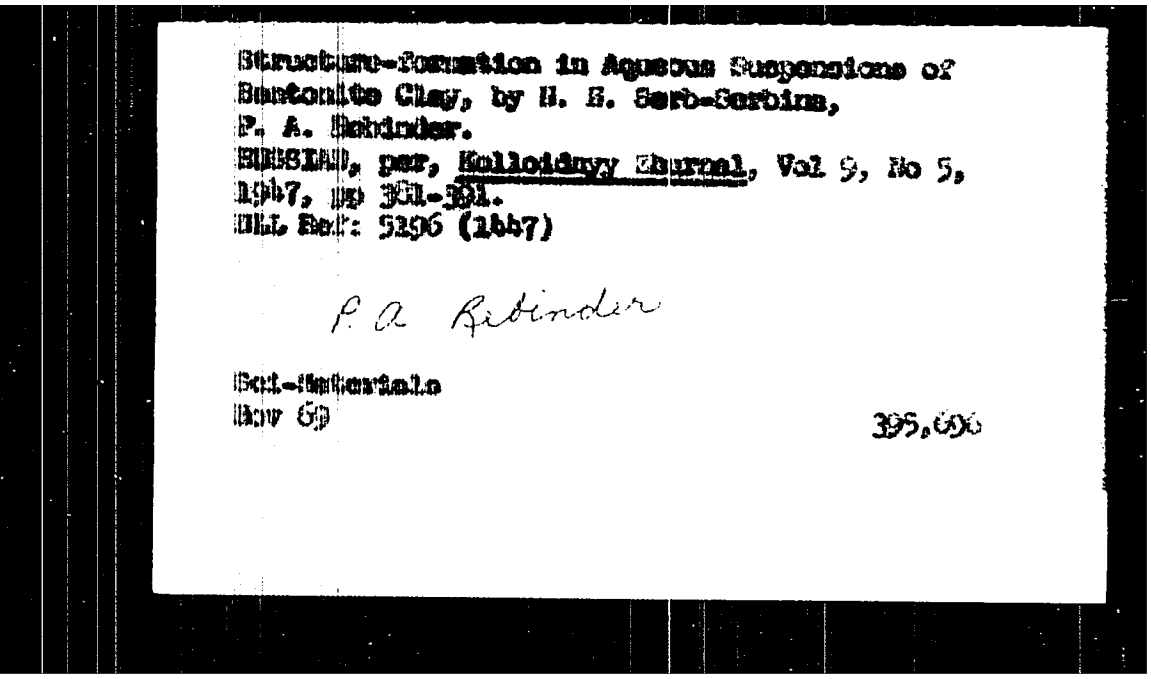
P.A. Rebinder

Sci-Mat
July 60

386,748

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Structure-formation in Aqueous Suspensions of Bentonite Clay, by N. E. Serb-Serbina, P. A. Rebinder.
RUSSIAN, per, Kolloidnyy Zhurnal, Vol 9, No 5, 1947, pp 331-351.
BLL Ref: 5296 (1947)

P. A. Rebinder

Ref-Internal
Nov 69

395.6X6

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

54

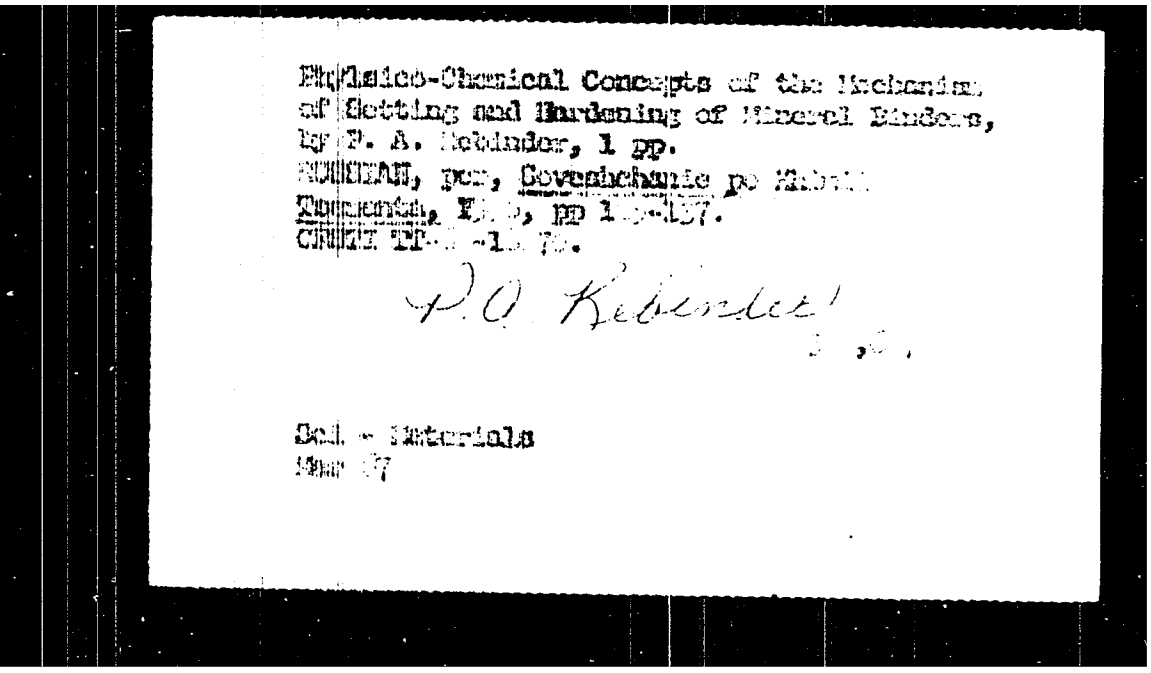
The Effect of the Medium and of Absorption Layers on the Plastic Flow of Metals, by P. A. Rebinder, Ye. K. Venstrem.
RUSSIAN, per, Izvestiya Ak Nauk SSSR, Vol 2, No 4-5, 1937, pp 531-548.
NASA TT F-11,737

Sci-
Dec 68

371,134

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Physico-Chemical Concepts of the Mechanism
of Setting and Hardening of Mineral Binders,
by P. A. Rebinder, 1 pp.
RUSSIAN, pub, Govendchanie po Khimii
Tsementa, M., pp 1[illegible]-157.
CHEMI TP[illegible]-1[illegible] 7[illegible].

P.O Rebinder

Bel - Materials
Mar 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Physico-Chemical Concepts of the Mechanism of Setting and Hardening of Mineral Binders, by P. A. Rebinder, 1 pp.
RUSSIAN, per, Soveshchanie po Khimii Tsementa, 1956, pp 135-137.
CFSTI TT-5[illegible]-18,370.

P. A. Rebinder

3 ,37

Sci - Materials
Mar 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Rebinder, P. A.
SURFACE-ACTIVE SUBSTANCES AND THEIR APPLICATION (Poverkhnostno-Aktivnye Veshchestva i Ikh Primenenie). 1963, 19p. 38 refs. PL-480 Int. Order from OTS $0.50 63-11146

Trans. of Khimicheskaya Nauka i Promyshlennost' (USSR) 1959, v. 4, no. 5, p. 554-565.

DESCRIPTORS: *Surface-active substances, Chemical properties, *Foaming inhibitors, *Colloids, Stabilization, Inhibition, *Plasticizers, *Detergents.

(Materials, TT, v. 9, no. 11)

63-11146

I. Rebinder, P. A.
II. PL-480 Int (63-11146)
III. National Science Foundation, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Surface-Active Substances and Their Application, by P. A. Rebinder, 19 pp.

RUSSIAN, per, Khim Nauka i Prom, Moscow, Vol IV, No 5, 1959, pp 554-565. 9207842

PL-480
OTS 63-11146

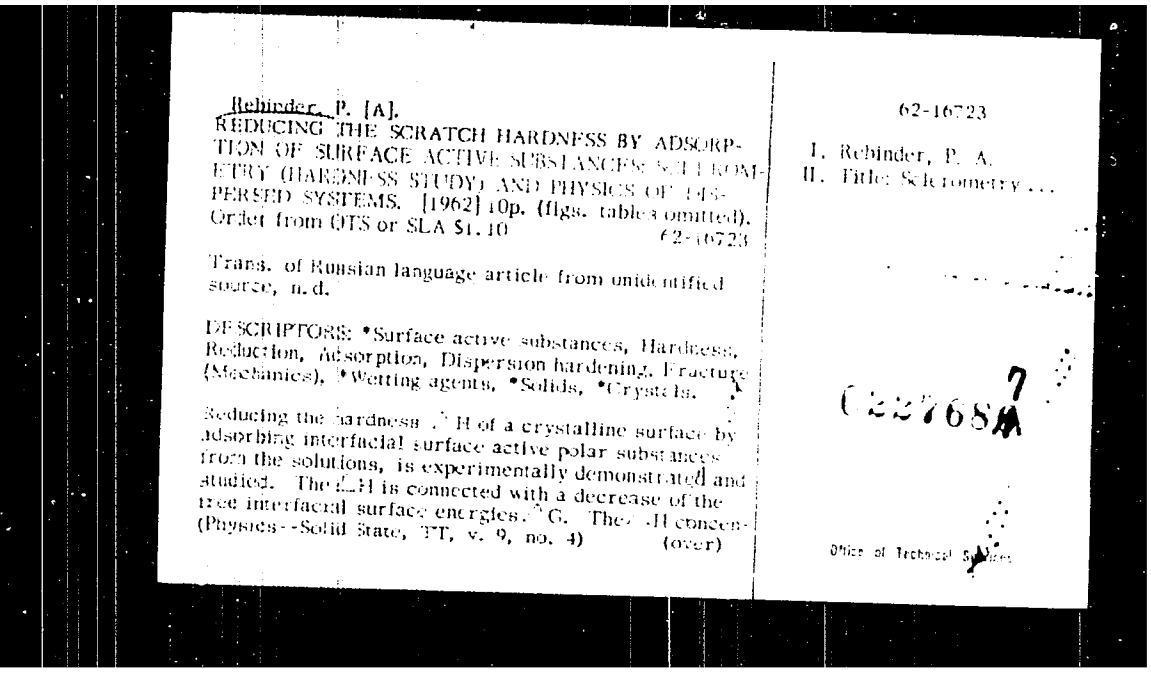
232,369

Sci - Chemistry
Jun 63

IPST No 761

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Rebinder, P. [A].
REDUCING THE SCRATCH HARDNESS BY ADSORPTION OF SURFACE ACTIVE SUBSTANCES. [ELEKTROMETRY (HARDNESS STUDY) AND PHYSICS OF DISPERSED SYSTEMS. [1962] 10p. (figs. tables omitted). Order from OTS or SLA $1.10 62-16723

Trans. of Russian language article from unidentified source, n.d.

DESCRIPTORS: *Surface active substances, Hardness, Reduction, Adsorption, Dispersion hardening, Fracture (Mechanics), *Wetting agents, *Solids, *Crystals.

Reducing the hardness ΔH of a crystalline surface by adsorbing interfacial surface active polar substances from the solutions, is experimentally demonstrated and studied. The ΔH is connected with a decrease of the free interfacial surface energies, ΔG. The ΔH concen-
(Physics--Solid State, TT, v. 9, no. 4) (over)

62-16723

I. Rebinder, P. A.
II. Title: Sclerometry...

C227687

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Surface-Active Substance and Their Application (Poverkhnostnoaktivnye Veshchestva i ikh Primenenie), by P. A. Rebinder.

RUSSIAN, per, Khim Nauka i Prom, Vol IV, No 5, 1959, 12 pp.

*PL-480
OTS 63-11146

Sci -
Aug 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Rebinder, P. A., Nikolaev, A. V. and others.
USE OF NAPHTHENIC ACIDS FOR REINFORCING THE GROUND AND MAKING IT IMPERMEABLE TO WATER. [1961] 4p.
Order from OTS or SLA $1.10 61-20408

Condensed trans. of unidentified mono., pub by Akademiya Nauk SSSR, Moscow/Leningrad, 1942, 32p.

DESCRIPTORS: *Soils, Moisture, Mechanical properties, Naphthenic acids.

(Agriculture--Plant Cultivation, TT, v. 7, no. 10)

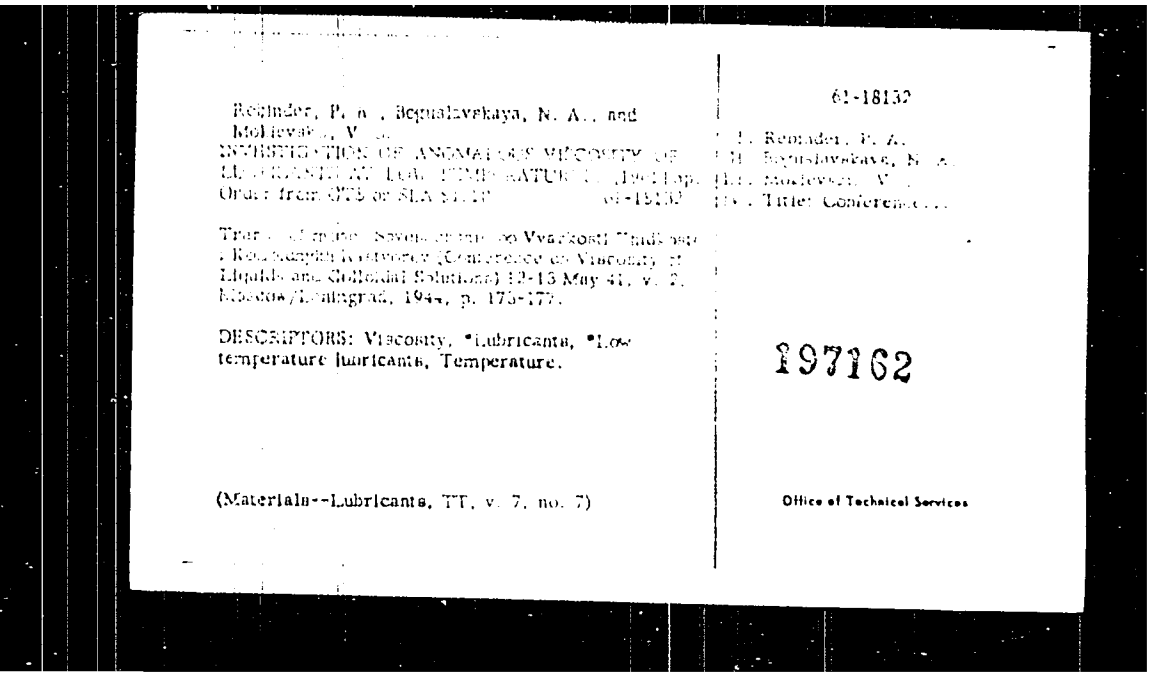
61-20408

I. Rebinder, P. A.
II. Nikolaev, A. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Reynder, P. A., Bogulavskaya, N. A., and Molleva, V. ...
INVESTIGATION OF ANOMALOUS VISCOSITY OF [illegible] AT LOW TEMPERATURES. 1943 Rep. Order from OTS or SLA [illegible] 61-18132

Their ... of papers Soveshchaniye po Vyazkosti Zhidkostey i Kolloidnykh Rastvorov (Conference on Viscosity of Liquids and Colloidal Solutions) 12-15 May 41, v. 2, Moscow/Leningrad, 1944, p. 175-177.

DESCRIPTORS: Viscosity, *Lubricants, *Low temperature lubricants, Temperature.

(Materials--Lubricants, TT, v. 7, no. 7)

61-18132

1. Reynder, P. A.
2. Bogulavskaya, N. A.
3. Molleva, V. ...
4. Title: Conference ...

197162

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Rebinder, P. A.
DEVELOPMENT DE LA CHIMIE COLLOÏDALE EN U. R. S. S. AU COURS DES QUARANTE DERNIERES ANNEES, tr. by Mme. Bourrely. 27 Oct 59 [73]p. 337 refs. CEA Trans. no. R 748 (text in French). Order from OTS or SLA $7.60 61-23752

Trans. in French of Usp[ekhi] Khim[ii] (USSR) 1957, v. 26, no. 11, p. 1320-1342.

DESCRIPTORS: *Colloids, *Chemistry, USSR.

(Chemistry--Physical, TT, v. 6, no. 6)

61-23752

I. Rebinder, P. A.
II. CEA-tr-R748
III. Commissariat à l'Energie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Rebinder, P. A., Likhtman, V. I., and Kochanova, L. A.
REDUCTION IN THE STRENGTH OF SINGLE METAL CRYSTALS BY ADSORPTION AND SPONTANEOUS DISPERSION IN A LIQUID MEDIUM. [1961] 5p.
Order from ATS $10.40 ATS-73N50R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956, v. 111, no. 6, p. 1278-1281.

(Physics--Solid State, TT, v. 5, no. 12)

61-22373

1. Single crystals (Metallurgy)--Physical properties
2. Single crystals (Metallurgy)--Adsorptive properties
3. Liquids--Adsorption
I. Rebinder, P. A.
II. Likhtman, V. I.
III. Kochanova, L. A.
IV. ATS-73N50R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

(DC-3326).

An Example of Scientific Cooperation Between the USSR and the Peoples Republic of China, by P. A. Rebinder, Ye. D. Shchukin, 5 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 10, 1959, pp 60-63.

JPRS 3037

Sci - Misc
Mar 60

109,863

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Lowering of Strength and the Brittle Rapture of Monocrystals of Zinc and Cadmium Caused by Adsorption, by Yu. V. Goryunov, N. V. Pertsov, P. A. Rebinder, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4, 1959, pp 784-787.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,029

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Development of Crystallisation Structures and Variation of Their Mechanical Strength, by E. S. Segalova, V. N. Izmaylova, P. A. Rebinder, 9 pp UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 5, 1956, pp 808-811.

Sci Mus Lib Tr 57/4892

73 348

Sci - Phys Chem
Sep 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Characteristic Features of Cryst[illegible]
Solutions Formation Leading [illegible]
of Calcium Oxide, by E. E. Segalova, S. [illegible]
P. A. Rebinder, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, [illegible]
1959, pp 1343-1346.

GU

Sol. 130 031

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

A Mechanism for the Reduced Hydration Rate of Calcium Oxide Treated with Surface-Active Plasticizers, by S. I. Kantorovich, E. E. Segalova, P. A. Rebinder, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959, pp 847-850.

CB

Sci.

Oct 60

130,046

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

The Binding of Lime in Calcium Hydrosilicate Under Normal Conditions, by V. F. Abrosenkova, G. I. Loggtnov and P. A. Rebinder, 4 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol CXV, No 3, 1957, pp 509-511.

Consultants Bureau

Sci - Chem

Aug 58

70,940

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Mechanism of Action of Lubricants in the Working of Metals, by S. Ya. Veiler, V. I. Likhtman, P. A. Rebinder.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX, No 6, 1956, pp 985-988.

Henry Brutcher
Tr 3943
$4.50

50,677

Sci - Chem; Min/Metals
Aug 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Elastico-Viscous Properties of Polyisobutylene Solutions, by L. V. Ivanova-Chumakova, P. A. Rebinder, 8 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 4, Jul/Aug 1956, pp 429-437.

Consultants Bureau

Sci - Physics
Jun 1957

48, 381

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

Investigation of the specific surface of individual Cement Components and Its Variations in an Aqueous Medium With the Aid of Radioactive Tracers, by A. M. Smirnova, E. G. Zaitseva, P. A. Rebinder, 6 pp.

Full tr

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 1, 1956, pp 93-100. CIA 9000405

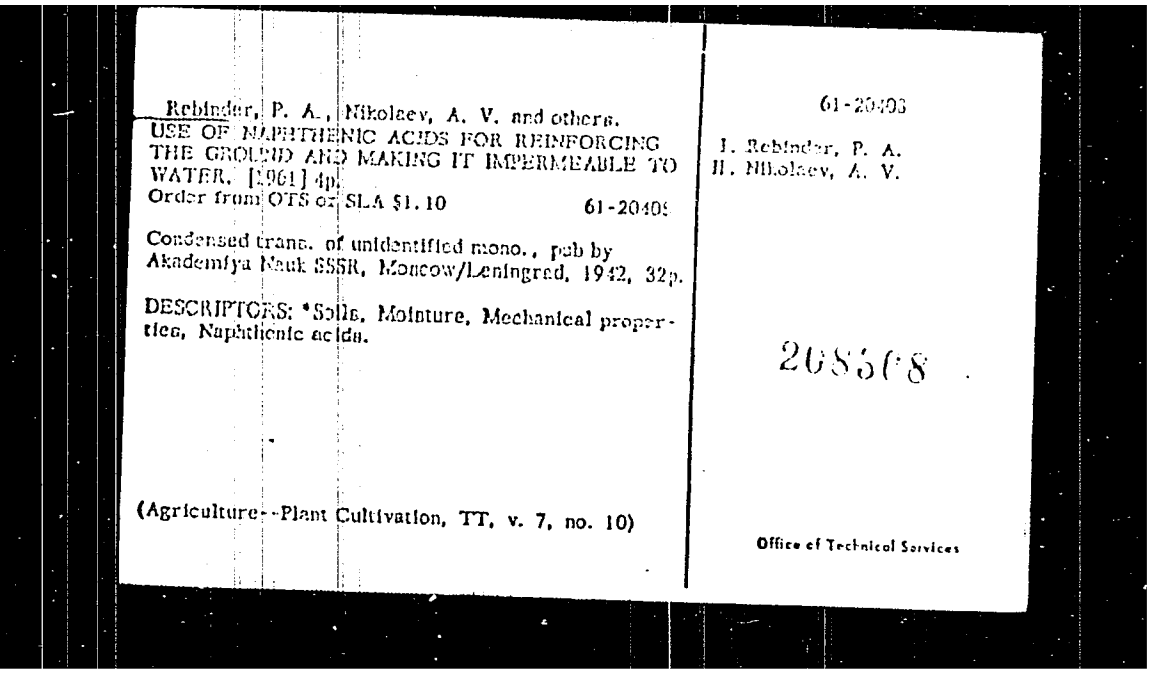
Consultants Bureau

38,675

Sci - Chemistry
Sep 56 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9



Rebinder, P. A., Nikolaev, A. V. and others.
USE OF NAPHTHENIC ACIDS FOR REINFORCING THE GROUND AND MAKING IT IMPERMEABLE TO WATER. [1961] 4p.
Order from OTS or SLA $1.10 61-20409

Condensed trans. of unidentified mono., pub by Akademiya Nauk SSSR, Moscow/Leningrad, 1942, 32p.

DESCRIPTORS: *Soils, Moisture, Mechanical properties, Naphthenic acids.

(Agriculture--Plant Cultivation, TT, v. 7, no. 10)

61-20409

I. Rebinder, P. A.
II. Nikolaev, A. V.

208508

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170008-9